

ZAUTASHVILI, B.Z.

Mineral waters in the region of the Adzhara group of copper-  
complex metal deposits. Trudy GPI [Gruz.] no.2:53-57 '63.  
(MIRA 17:9)

ZAUTASZWILI, Irakli, mgr inz.

RVB-40 capstan lathe. Mechanik 37 no.5:252-253 Mj'64.

ZAUTASHVILI, Merab Il'ich

[Use of ion exchange polymers in the technology] [K is-  
pol'zovaniu ionoobmennyykh polimerov v tekhnologii vin-  
noi kisloty. Tbilisi, Sabchota Sakartvelo] 1964. 105 p.  
[In Georgian] (MIRA 18:7)

ZAVADOVSKAYA, YE. K.

Category: USSR / Physical Chemistry - Crystals

B-5

Abs Jour: Referat Zhur-Khimiya, No 9, 1957, 29748

Author : Vorob'yev A. A., Zavadovskaya Ye. K.

Inst : Tomsk Polytechnic Institute

Title : Physical and Electric Properties of Ionic Crystals

Orig Pub: Izv. Tomskogo politekhn. in-ta, 1956, 83, 3-21

Abstract: On the basis of literature data and data secured by the authors it was ascertained that there exists a regular correlation between lattice energy of alkali halide salts and such physico-chemical characteristics of these salts as melting point, molecular volume, specific gravity, compression factor, number of ions per 1 cc, electron polarization of molecules, refraction indexes  $n_D$  and  $n_D$ , anion and cation refraction, molecular refraction, dielectric constant and electric strength.

Card : 1/1

-39-

ZAUTASHVILI, B.Z.

Geochemistry of underground waters as related to metallogenetic problems. Razved. 1 okh. nedr 26 no.11:37-43 N '60. (MIRA 13:12)

1. Gruzinskiy politekhnicheskii institut.  
(Merisi Valley--Water, Underground--Analysis)  
(Ore deposits)

ZAUTASHVILI, N.D.

Cupola furnace with an "active" hearth. Lit. proizv. no.1:36  
Ja '63. (MIRA 16:3)

(Cupola furnaces)

ZAUTASZWILL, Irakli, mgr. ins.

A specific cutting head for the machining of sexangular openings  
with turret lathes and automatic lathes. Mechanik 35 no.7:  
403-404 J1 '62.

1. HOP Zaklady Henryka Cegielskiego, Poznan.

ZAUTNER, F.L., inzh.; FEYGEL'MAN, I.I., inzh.; ANDREZHEYKO, M.M., inzh.;  
BORISOVICH, V.I., inzh.

Optimal length of the fan blades of short-circuited rotors of explosion-  
proof asynchronous motors. Elektrotehnika 36 no.7:47-49 J1 '65.  
(MIRA 18:7)



ZAUTYKOV, O. A.

Mathematical Reviews  
Vol. 14 No. 8  
Sept. 1953  
Analysis

8-10-54  
LL

✓ Zautykov, O. A. Cauchy's problem for a denumerable system of partial differential equations. Izvestiya Akad. Nauk Kazah SSR 1950, no. 97, Ser. Mat. Mekh. 4, 115-125 (1950). (Russian)

Under suitable continuity hypotheses on the initial Cauchy data and the functions  $\omega_i$ , the author uses the method of successive approximations in an attempt to prove a local existence and uniqueness theorem for the following Cauchy problem for a denumerable system of third-order equations:

$$\frac{\partial^3 u_i}{\partial x \partial y \partial z} = \omega_i(x, y, z; u_1, u_2, \dots);$$

$$\frac{\partial u_i}{\partial x}, \frac{\partial u_i}{\partial y}, \frac{\partial u_i}{\partial z}, \frac{\partial^2 u_i}{\partial x^2}, \frac{\partial^2 u_i}{\partial x \partial y}, \frac{\partial^2 u_i}{\partial x \partial z}, \dots;$$

$$\frac{\partial^2 u_1}{\partial x \partial y}, \frac{\partial^2 u_1}{\partial x \partial z}, \frac{\partial^2 u_1}{\partial y \partial z}, \frac{\partial^2 u_2}{\partial x \partial y}, \frac{\partial^2 u_2}{\partial x \partial z}, \frac{\partial^2 u_2}{\partial y \partial z}, \dots).$$

$$u_i(x, y, z)|_{z=0} = f_i(y, z), \quad \frac{\partial u_i}{\partial x}(x, y, z)|_{z=0} = \varphi_i(y, z),$$

$i=1, 2, \dots$  (as far as second order derivatives are concerned, only mixed second order derivatives appear as arguments of the functions  $\omega_i$ ). The functions  $\omega_i$  are supposed to be equicontinuous, equibounded, and to satisfy a certain Cauchy-Lipschitz condition with respect to all arguments save  $x, y, z$ . (See the paper reviewed below.)

J. B. Diaz (College Park, Md.)

ЗАУТЫКОВ, О. А.

Mathematical Reviews  
Vol. 14 No. 8  
Sept. 1953  
Analysis

✓ Заутиков, О. А. Cauchy's problem for a denumerable system of partial differential equations. Izvestiya Akad. Nauk Kazakh SSR 1950, no. 97, Ser. Mat. Mekh. 4, 115-125 (1950). (Russian)

Under suitable continuity hypotheses on the initial Cauchy data and the functions  $\omega_s$ , the author uses the method of successive approximations in an attempt to prove a local existence and uniqueness theorem for the following Cauchy problem for a denumerable system of third-order equations:

$$\frac{\partial^3 u_s}{\partial x \partial y \partial z} = \omega_s \left( x, y, z; u_1, u_2, \dots; \frac{\partial u_1}{\partial x}, \frac{\partial u_1}{\partial y}, \frac{\partial u_1}{\partial z}, \frac{\partial u_2}{\partial x}, \frac{\partial u_2}{\partial y}, \frac{\partial u_2}{\partial z}, \dots; \frac{\partial^2 u_1}{\partial x \partial y}, \frac{\partial^2 u_1}{\partial x \partial z}, \frac{\partial^2 u_1}{\partial y \partial z}, \frac{\partial^2 u_2}{\partial x \partial y}, \frac{\partial^2 u_2}{\partial x \partial z}, \frac{\partial^2 u_2}{\partial y \partial z}, \dots \right),$$

$$u_s(x, y, z)|_{z=0} = f_s(y, z), \quad \frac{\partial u_s}{\partial x}(x, y, z)|_{z=0} = \varphi_s(y, z),$$

$s=1, 2, \dots$  (as far as second order derivatives are concerned, only mixed second order derivatives appear as arguments of the functions  $\omega_s$ ). The functions  $\omega_s$  are supposed to be equicontinuous, equibounded, and to satisfy a certain Cauchy-Lipschitz condition with respect to all arguments save  $x, y, z$ . (See the paper reviewed below.)

J. B. Diaz (College Park, Md.)

ZAUYER, L.M.

Studying algae of the plant associations of Leningrad Province.  
Trudy Bot.inst. Ser.2 no.10:33-174 '56. (MLRA 10:2)  
(Leningrad Province--Algae)

ZAUYER, L.M., kand.biolog.nauk

Water plant grows without water. Priroda 51 no.6:116 Je '62.

(MIRA 15:6)

1. Leningradskiy gosudarstvennyy universitet im. A.S.Zhdanova.  
(Iadoga, Lake--Pondweed)

ZAUYER, L.M.

Ecocoenological analysis of diatom-Cladophora communities  
(Cladophoreta bacillariophytosa) as indicators of habitat conditions.  
Vest.LOU 15. no.21:12-21 '60. (MIRA 14:4)  
(Parnu Bay--Algae) (Indicator plants)

Y  
ZAUER, L.M.

Algae of certain soils of the Crimean steppes in relation to the  
role of algae in the soil's life. Uch.zap. en.um. no.213:279-294  
'56. (MIRA 10:3)

(Crimea--Soil micro-organisms)  
(Algae)

ZAUYER, L.M. [Zauer, L.M.]

Critical remarks on preserving the genus *Pseudodichotomosiphon*  
Yamada (Vaucheriaceae). Bot. mat. Otd. spor. rast. 14:  
21-23 Ja'61. (MIRA 17:2)

ZAUVER, L.M.

Some data on the diatoms of Kheysa Island. Vest. LGN 18 no.21:  
27-37 '63 (MIRA 16:12)



ZAUYER, L.M.

New finds of Vaucheria in Leningrad Province. Bot.zhur. 48 no.2:264-266  
F '63. (MIRA 16:4)

1. Leningradskiy gosudarstvennyy universitet.  
(Leningrad Province--Algae)

Author: V. V.

[ЗАЯЕР, Б. Б.]

"Fossil Species of the Genus Cedrus and Their Significance for the Stratigraphy of Continental Deposits," *Materialy po polinologii i stratigrafii*, pp 10-85, 1954

The author gives the morphology, systematics, distribution, and ecology of contemporary species of the genus Cedrus. He notes paleobotanical finds of cones, scales, and needles from the lower cretaceous to the tertiary period in West Europe, North America, and the USSR. Pollen of the cedar tree has been encountered in deposits of the upper Permian, Jurassic, cretaceous, and tertiary period on the Russian Platform, in Kazakhstan, in the Urals, in West Siberia, East Priбайkal'ye, and Central Asia. The author states that the described species of fossil pollen of cedar seeds can be utilized for the stratigraphic analysis of continental deposits of the Mesozoic and Cenozoic. (*ElzhGeol*, No 4, 1955)

Sum. No. 681, 7 Oct 55

ZAUER, V. V.

ZAUER, V.V.; KARA-MURZA, F.N.; SEDOVA, M.A.

Principal stages in the development of vegetation in the territory of the U.S.S.R. during the Mesozoic Period (on the basis of palynological analysis) Bot. zhur. 39 no.2:238-241 Mr-Apr '54.(MIRA 7:6)

1. Vsesoyuznyy Nauchno-issledovatel'skiy geologicheskii institut, Gidroproyekt i Nauchno-issledovatel'skiy institut geologii Arktiki, Leningrad.  
(Paleobotany)

*ZAUVER, V.V.*  
BOYTSOVA, Ye.P.; GLADKOVA, A.N.; *ZAUVER, V.V.*; KRUCHINIHA, N.V.;  
MALYASOVA, Ye.S.; MOREVA, V.A.; POKROVSKAYA, I.M.; ROMANOVSKAYA, G.M.;  
SEDOVA, M.A.; SIGOVA, E.N.; POKROVSKAYA, I.M., redaktor; PERLIN, S.S.,  
redaktor izdatel'stva. GUROVA, O.A., tekhnicheskii redaktor.

[Atlas of Miocene spore and pollen complexes of various regions of  
the U.S.S.R.] Atlas miotsenovykh sporovo-pyl'tsevykh kompleksov  
razlichnykh raionov SSSR. Moskva, Gos.nauch.tekhn.isd-vo lit-ry po  
geol. i okhr.medr, 1956. 460 p. (Leningrad, Vsesoiuznyi geologicheskii  
institut. Materialy, no.13) (MIRA 10:1)  
(Spores (Botany), Fossil) (Pollen, Fossil)

SOV/20-120-1-44/63

AUTHORS: Zauyer, V. V., Zubakov, V. A.

TITLE: Palinological Motivation of the Stratigraphic Subdivision of Quaternary Deposits of the Osinovskiy District in the Yenisey Valley (Palinologicheskoye obosnovaniye raschleneniya chetvertichnykh otlozheniy Osinovskogo rayona doliny r. Yenisey)

PERIODICAL: Doklady Akademii Nauk SSSR, 1958, Vol. 120, Nr 1, pp.162-165 (USSR)

ABSTRACT: The part of the Yenisey valley between the Osinovskiy rapids and the village of Sumarokovo is essential in the elaboration of quaternary stratigraphy. With bore-holes and drills a valley with a ground line of 25 m below sea level was disclosed. The valley is filled with a substance of sea-, sea-alluvial- and glacial sediments (the geological investigations were carried out by S. A. Kovalev, A. A. Lazarev, S. V. Epshteyn and V. A. Zubakov). The horizon of the moraine of maximum glacierization subdivides this substance into two suites: a lower of "dovecolored loams" and an upper - San-chugovskaya. Into this the recent Yenisey valley is cut. The valley has four upper river terraces (Ref 1). Palinologic-

Card 1/3

SOV/ 20-120-1-44/63

## Palinological Motivation of the Stratigraphic Subdivision of Quaternary Deposits of the Osinovskiy District in the Yenisey Valley

al examinations of 500 samples of all four horizons of the quaternary deposits yielded the following results: a) the spore-pollen complexes were the most perfect in the sea deposits. As a rule, the alluvial deposits had a very limited spore-pollen complex. The test results of surface layers and of the bottom-land-alluvium were utilized for the interpretation of palinological spectra reflecting the recent vegetation of the region. The spectra proved typical for wood. Pinus Sibirica (Ropr) Mayr is predominant. The preglacial sediments contain only few pollen grains of "dark" coniferous woods, ferns, and moss spores. The lower part of the "dove-colored loams" is of moraine-like character in parts and contains a few pollen of Betula sp. . They may therefore be considered to belong to the time of the old glacierization ( $Q_2^2$ ). The upper part of the latter suites is palinologically sufficiently characterized. Here the spectra contain all components: trees, herbaceous plants, spores of ferns and mosses. In the lower part spectra with predominant pollen of herbaceous plants, in the upper - with spores of moss - are prevalent. There are few spectra where tree pollen predominate. Thus there are three interglacial horizons in the sections

Card 2/3

SOV/20-120-1-44/63

Palinological Motivation of the Stratigraphic Subdivision of Quaternary Deposits of the Osinovskiy District in the Yenisey Valley

of the Osinovskiy district: One middle inter-glacial, Samburgskiy and Kazantsevskiy, and four glacial: Dem'yanskiy, Samarovskiy, Yeniseyskiy and Zyryanskiy. There are 1 table and 3 references, which are Soviet.

ASSOCIATION: Leningradskiy filial Gidroyekta (Leningrad Branch of the Gidroyekt ); Vsesoyuznyy nauchno-issledovatel'skiy geologicheskii institut (All-Union Scientific Institute of Geological Research)

PRESENTED: October 14, 1957, by V. N. Sukachev, Member, Academy of Sciences, USSR

SUBMITTED: October 13, 1957

1. Geology--USSR 2. Geophysical prospecting--USSR

Card 3/3

POKHOVSKAYA, I.M.; ZAUVER, V.V.

Spore and pollen complexes of amber-bearing sediments in the Baltic  
Sea region. Inform sbor. VSEGEI no.10:53-68 '59. (MIRA 13:12)  
(Baltic Sea region--Palynology)



AGRANOVSKAYA, I.A.; ALYUSHINSKIY, Yu.A.; ASATKINA, Ye.F.; BOYTSOVA, Ye.P.;  
BOCHARNIKOVA, A.D.; VOYEVODOVA, Ye.; GROMOVA, N.S.; ZAUVER, V.V.;  
MARTYNOVA, Z.I.; PANOVA, L.A.; POKROVSKAYA, I.M.; ROMANOVSKAYA, G.M.;  
SEDOVA, M.A.; STEL'MAK, N.K.; KHAYKINA, S.L.; EDEL'SHTEYN, L.I.  
[deceased]; MAKRUSHIN, V.A.; tekhn.red.

[Atlas of upper Cretaceous, Paleocene and Eocene spore and pollen  
complexes in certain regions of the U.S.S.R.] Atlas verkhneemelovykh,  
paleotsenovykh i eotsenovykh sporevo-pyl'tsevykh kompleksov nekotorykh  
raionov SSSR. Leningrad. 1960, 574 p. (Leningrad. Vsesoiuznyi geologi-  
cheskii institut. Trudy, vol.30). (MIRA 13:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskii institut  
Ministerstva geologii i okhrany neдр SSSR (for Alyushinskiy, Asatkina,  
Boytsova, Gromova, Panova, Pokrovskaya, Romanovskaya, Sedova, Stel'mak,  
Edel'shteyn). 2. Ural'skoye geologicheskoye upravleniye Ministerstva  
geologii i okhrany neдр SSSR (for Agranovskaya, Bocharnikova, Marty-  
nova). 3. Severo-Vostochnoye geologicheskoye upravleniye Ministerstva  
geologii i okhrany neдр SSSR (for Voevodova, Khaykina). 4. Lenin-  
gradskiy filial Gidroproyekt Ministerstva elektrostantsiy (for Zauver).  
(Palynology)

ZAUYER, V.V.

Late Permian flora in the region of Solikamsk; based on palynological data. Paleont. zhur. no.4:114-124 '60. (MIRA 14:1)

1. Vsesoyuznyy gosudarstvennyy proyektnyy institut Gidroenergoprojekt, Leningradskoye otdeleniye.  
(Solikamsk region--Palynology)

ZUBAKOV, V.A.; ZAUYER, V.V.

Materials on the paleontological characteristics of a key section  
of Quaternary sediments in the Yenisey Valley of Siberia. Trudy  
VSEGEI 90:97-116 '63. (MIRA 17:5)

BOYTSOVA, Ye.P.; VOYEVODOVA, Ye.M.; ZAUVER, V.V.; KOL'TSOVA, T.T.;  
KRUCHININA, N.V.; MARTYNOVA, Z.I.; PANOVA, L.A.; POKROVSKAYA,  
I.M.; ROMANOVSKAYA, G.M.; SEDOVA, M.A.; STEL'MAK, N.K.;  
TABACHNIKOVA, I.P.

[Atlas of lower Cretaceous spore and pollen complexes of some  
regions of the U.S.S.R.] Atlas nizhnemelovykh sporovo-pyl'tsevykh  
kompleksov nekotorykh raionov SSSR. Moskva, Nedra, 1964. 551 p.  
(Leningrad, Vsesoiuznyi geologicheskii institut. Trudy, vol.124)  
(MIRA 18:9)

1. Vsesoyuznyi nauchno-issledovatel'skiy geologicheskii insti-  
tut (for Boytsova, Kol'tsova, Kruchinina, Panova, Pokrovskaya,  
Romanovskaya, Sedova, Stel'mak, Tabachnikova). 2. Ural'skoye  
geologicheskoye upravleniye (for Martynova). 3. Severo-Vostochn-  
noye geologicheskoye upravleniye (for Voyevodova). 4. Lenin-  
gradskiy filial Vsesoyuznogo ordena Lenina proyektno-izyskatel'-  
skogo i nauchno-issledovatel'skogo instituta im. Z.Ya. Zhuka  
(for Zauver).

MALYAVKINA, Valentina Semenovna; NEVEL'SHTEYN, V.I., vedushchiy red.;  
ZAUYER, V.V., kand.biolog.nauk, red.

[Spores and pollen from Triassic sediments in the West Siberian  
Plain.] Spory i ... iz triasovykh otlozhenii Zapadno-Sibirskoi  
nizmennosti. Leningrad, Veda, 1964. 292 p. (Leningrad.  
Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazve-  
dochnyi institut, Trudy, no.231) (MIRA 18:1)

GLADKOVA, A.N.; ZAUYER, V.V.; MCHEDLISHVILI, N.D.

Morphology of the pollen grains of Ephedra. Trudy VNIGRI no. 239:38-46  
'65. (MIRA 18:7)

ZAUYER, V.V.

Permian flora of Solikamsk. Trudy VNIGRI no.239:53-78. '65. (MIRA 18:7)

*Zauzolkov, F.N.*  
AUTHOR:

Zauzolkov, F.N., Dotsent, Candidate of Historical Sciences 3-8-6/34

TITLE:

On the 40th Anniversary of the Great Socialistic October Revolution (K 40-y Godovshchine velikoy oktyabr'skoy sotsialisticheskoy revolyutsii) The Higher School in the Years 1933 - 1941 (Vysshaya Shkola v 1933 - 1941 gg)

PERIODICAL: Vestnik Vysshey Shkoly, 1957, # 8, pp 27 - 36 (USSR)

ABSTRACT:

The article is a history of higher education between 1933 and 1941.

In 1933, the 17th Party Congress emphasized the training of qualified workmen, technicians and engineers. The goal of the second Five-Year Plan was to prepare 340,000 first-class specialists and 850,000 specialists of medium qualification (against the 170,000 and 308,000 of the first Five-Year Plan). Increased attention was to be paid to higher and secondary special schools.

The transfer of higher and secondary technical education to the People's Commissariats of the various industries was successful; the existing network of schools was strengthened and many new vuzes and technical schools were created. The article describes the various stages of development, mentioning the schools attached to plants and the workmen faculties (rabfak) preparing workmen for admission to higher schools.

Card 1/2



3-8-6/34

On the 40th Anniversary of the Great Socialistic October Revolution. The Higher School in the Years 1933 - 1941.

Among other data the article states that in 1939 the number of female students at all Soviet vuzes amounted to 43.1% and increased to 52% in 1955/56.

WW II interrupted the normal development of the higher schools, but the creation of intellectuals during the first five-year plans played an eminent role in the gaining of the military victory.

There are 23 Russian references.

AVAILABLE: Library of Congress

Card 2/2

ZAUZOLKOV, V.F., aspirant

Concerning the place of actualism in the science of sedimentary  
rocks. Izv. vys. ucheb. zav.; geol. i razv. 7 no.11:8-17 N '64.  
(MIRA 18:5)

1. Moskovskiy geologorazvedochnyy institut im. S. Ordzhonikidze.

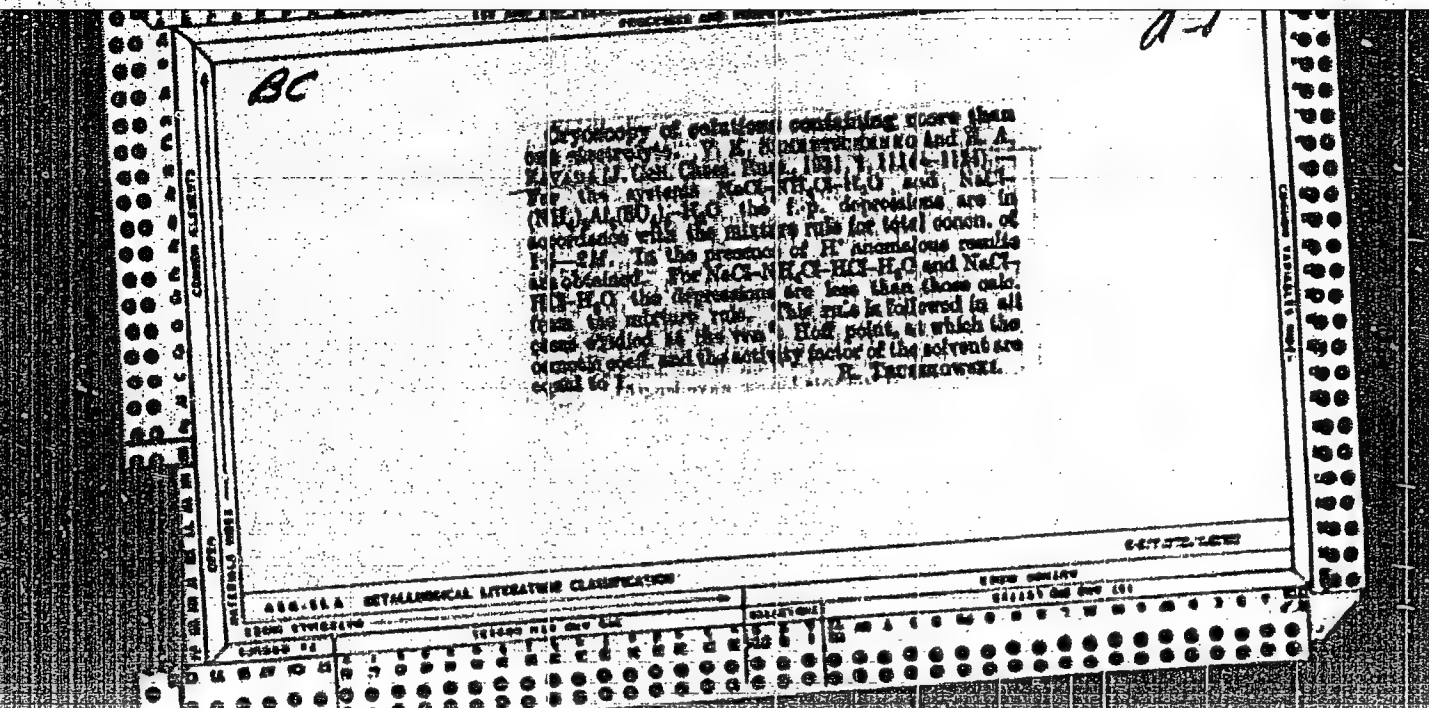
ZAVADA, A. A.

Zavada, A. A. "The question of cross-breeding Kazakh fat-tailed sheep with fine-fleeced rams," Trudy Alma-At. vet.-zootekhn. in-ta, Vol. V, 1948, p. 241-45

So: U-3566, 15 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 13, 1949)

ZAVADA, Dusan, dr.

An economical telecommunication device. Cs spoje 9 no.3:10  
Je '64.



CRYOSCOPIC OF AQUEOUS SOLUTIONS OF A MIXTURE OF ELECTROLYTES. V. K. SAMENCHENKO AND E. A. ZAYADA. *J. Gen. Chem. (U.S.S.R.)* 1, 1111 24(1931).-- A study was made of the lowering of f. p. in solns. contg. a mixt. of 2-3 electrolytes at const. "ionic strength"  $\Gamma = \sum Z_i^2$ . Here,  $\gamma = N_i/N_0$  = thermodynamic concn., where  $N_i$  and  $N_0$  are nos. of mols. of solvent and solute, resp.;  $Z_i^2$  = square of valency. In a mixt. of NaCl + NH<sub>4</sub>Cl at a total concn. of 1.5-2 M, the f. p. lowering is practically const. In a mixt. of NaCl + HCl at a total concn. of 1.5 M,  $\Delta T$  and the osmotic coeff.  $\Delta T/T$  increase with increase of H<sup>+</sup>. In mixts. NaCl + NH<sub>4</sub>Cl at  $\Gamma = 4$ ,  $\Delta T$  increases with increase of NaCl concn. In mixts. NaCl + NH<sub>4</sub>Cl + HCl, at  $\Gamma = 4$  and  $\Gamma = 8$ , the effect of individual properties of H<sup>+</sup> is the same as given above. With the exception of the mixt. NaCl + NH<sub>4</sub>Cl, all the others show at  $\Gamma = 3$  a considerable deviation from additivity, particularly where H<sup>+</sup> is involved. The relationship between  $\Delta T$  and the individual properties of electrolytes at const. concn. permits the choice of solns. combining required chem. compn. with required  $\Delta T$ , which is of practical importance. S. L. MADORSKY

Savada Jan

ZAVADA, J.

The 3d National Conference of Plant Virologists.

P. 474, (Biologia) Vol. 12, no. 6, 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) Vol. 6, No. 11 November 1957



CZECHOSLOVAKIA / Virology. Plant Viruses.

E-1

Abs Jour : Ref Zhur - Biologiya, No 22, 1958, No. 99071

Author : Bystricky, V.; Valenta, V.; Zavada, J.

Inst : Not given

Title : Electronoscopy of the Virus of Tobacco Necrosis,  
Isolated in Czechoslovakia

Orig Pub : Biologia, 1957, 12, No 11, 816-820

Abstract : The size of the virus particles equals ~265A for  
coarse and 160 - 180A for small particles. The latter  
constitute 20% of the general quantity of particles.

Card 1/1

ZAVADA, J.; VALENTA, V.

Root formation in plants infected with yellow-type viruses. In English.  
p. 123.

BIOLOGIA PLANTARUM. (Ceskoslovenska akademie ved. Biologicky ustav) Praha,  
Czechoslovakia. Vol. 1, no. 2, 1959.

Monthly list of East European Accessions (EEAI), IC, Vol. 8, no. 12, December 1959  
uncla.

ZAVADA, J.; PISKALA, A.; HORAK, V.

New method for preparing tetrahydro-1,4-thiopyrones. In German. p. 97.

ACTA CHIMICA. (Magyar Tudományos Akademia) Budapest, Hungary. Vol. 21, no. 1,  
1959

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 2, Feb. 1960

Uncl

BORECKY, L.; ZAVADA, J. (Technical assistance: L. Mansova and J. Klanickova)

Effect of anticellular sera on infection with Myxoviruses. I. The effect of antichoricallantoic serum. Acta virol, Engl. Ed., Praha 4 no.2:110-123 Mr '60

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.  
(NEWCASTLE DISEASE virol.)  
(IMMUNE SERUMS pharmacol.)

ZAVADA, J.; KRIZANOVA, O.; BORECKY, L.

A factor destroying virus receptors in pneumococcal cultures.  
IV. The concentration and partial purification of pneumococcal  
factor 103 (Pn-1-103) and Differentiation from RDE of *Vibrio*  
*cholerae*. Acta virol. Engl. Ed. Praha 5 no.1:59-60 Ja '61.

1. Institute of Virology, Czechoslovak Academy of Sciences,  
Bratislava.

(*DIPLOCOCCUS PNEUMONIAE* chem)  
(*VIBRIO* chem)

RADA, B.; ZAVADA, J.

Screening-test for cytostatic and virostatic substances. Neoplasma 9  
no.1:57-65 '62.

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava,  
CSSR.

(SARCOMA virol) (VIRUSES pharmacol)  
(NEOPLASMS virol)

RADA, B.; ZAVADA, J.

Use of the plaque method in the study of antiviral substances. Cesk.  
epidem. 11 no.3:175-178 My '62.

1. Virologický ústav CSAV v Bratislavě.

(VIRUSES pharmacol)

ZAVADA, J.

Plaques of Newcastle disease virus in human cell lines. Acta virol.  
7 no.3:279-281 My '63.

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.  
(NEWCASTLE DISEASE VIRUS) (TISSUE CULTURE)  
(VIRUS CULTIVATION)



SYNOPSIS

ZAVADA, J.

KRUPICKA, J.; ZAVADA, J.; BICHER, J.

Institute of Organic Chemistry and Biochemistry of the  
Czechoslovak Academy of Sciences, Prague (for all)

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1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava and Institute of Oncological Research, Bratislava, Czechoslovakia.

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1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.

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2  
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Prague, Collection of Czechoslovak Chemical Communications,  
No 7, 1963, pp 1664-1673

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1. Moskovskiy gosudarstvennyy universitet imeni  
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(Urea)  
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1. Institute of Research, Production and Utilization of  
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ACC NR: AP6013519

UR/0120/66/000/002/0164/0168

AUTHOR: Zavada, N.I.; Manakova, M.A.; Tsukerman, V.A.

ORG: State Roentgenological Research Institute (Gosudarstvennyy rentgenoradiologicheskii institut)

TITLE: Registration of interferences from monocrystals and polycrystals at microsecond exposures

SOURCE: Priory i tekhnika eksperimenta, no. 2, 1966, 164-168

TOPIC TAGS: x ray , x ray diffraction analysis, crystal structure, x ray tube

ABSTRACT: This paper presents a discussion of conditions for producing and photographing x-ray interferences from crystal structures of very short exposure time; and of optimum equipment for this purpose. The registration of x-ray interference maxima during microsecond time intervals is a valuable tool in the exploration of such phenomena as fast phase transformations, temperature changes and surface tensions in metals under the action of a shock wave, etc. Details of fast exposure experiments conducted with specific combinations of equipment and power parameters, as well as photographic and fluorescent screen techniques are described. By increasing the x-ray tube voltage and by the effective use of reinforcing fluorescent screens it was possible to obtain roentgenograms of monocrystalline and polycrystalline samples at very short exposures. Two-electrode impulse x-ray tubes with a needle anode proved to be efficient and con-

Card 1/2

UDC: 539.261

ACC NR: AP6013519

vinient sources of x-ray radiation. To increase the flash energy, the voltages used were of the order of 1 million volts, and high sensitivity films with silver activated ZnS reinforcing screens were employed. Laue diagrams of Si monocrystals were obtained with a 1  $\mu$ sec exposure. A special x-ray tube (with a reversed cathode), and other optimized techniques were used to obtain interference patterns from polycrystalline samples at large Bragg angles. With a specially developed, very thin, forward, reinforcing screen in combination with the Ilford Industrial A film, and an impulse x-ray tube with a Cu cathode working at 1200 kv with a .0017 mkf condenser, the flash duration was 1  $\mu$ sec. On the photograph, interferences from atomic planes (333) and (115) of Al at Bragg angle of  $82^\circ$ , can be clearly seen. The K - K doublet corresponding to .004 $\text{\AA}$  was well defined and resolved. Authors thank A.M. Gurvich and R.V. Katonina who worked out the methodology and prepared samples of thin reinforcing screens. Orig. art. has: 3 figures and 2 tables.

SUB CODE: 20 SUBM DATE: 10Mar65 ORIG REP: 008 OTH REP: 004

Card 2/2

ZAVADA, S.

PAN'KO, I.V.; KOPTELIY, K.M. [Koptelyi], mekhanik-kontroler; ZAVADA, S., slyusar

Using the KOK-2 potato combine for loading peat litter. Mekh. stantsii.  
hosp. 9 no. 3:7-8 Mr '58. (MIRA 11:4)

1. Direktor Stechans'koi mashinno-traktornoï stantsii, Kiivs'koi  
oblasti (for Pan'ko).  
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ZAVADIL, J.

ZAVADIL, J. Principles of the static design of sewers. p. 223

Vol. 35, no. 8, Aug. 1956

VODA

TECHNOLOGY

Praha, Czechoslovakia

So: East European Accession Vol. 6, no. 2, 1957

ZAVADIL, Josef (Czechoslovakia)

New agricultural machinery in Czechoslovakia. *Mezogazd*  
techn 4 no.11:10-11 '64.

ZAVADIL, J.

Evaluation of rainfall data and the design of sewers.

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Vol. 5, no. 6, June 1955  
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Praha

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 5, no. 3  
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ZAVADIL, Jozef

Agricultural transportation in Czechoslovakia. Mezogazd.  
techn 2 no.8:10-12 '62.



ZAVADIL, J.

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SO: Monthly List of East European Accessions (EEAL) IC., Vol. 6, no. 7, July 1957. Uncl.

ZAVADIL, J.

Water supply from reservoirs. p. 228.  
(VODA. Vol. 36, no. 9, Sept. 1957, Praha, Czechoslovakia.)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 12, Dec. 1957.  
Uncl.

ZAVADIL, J. "Significance of the Analysis of Surface and Waste Water." p. 141.

(Sbornik. Bulletin, Vol.2, No.24-29, 1953, Brno.)

SO: Monthly List of East European Accessions, Vol. 3, No. 3, Library of Congress, March 1954, Uncl.

EXCERPTA MEDICA Sec 5 Vol 12/9 General Path. Sept 59

2643. RETOTHELOGRANULOMA GIGANTOCELLULARE (PERIVASALE) -  
Zavadil M. II. Patho-Anat. Inst., Fac. of Med., Charles Univ., Prague -  
NEOPLASMA 1959, 6/2 (212-220) illus. 11

In a 72-year-old shoemaker, who had been completely healthy up to then, signs of cardiosclerosis, oedema of the lower extremities, cough, retrosternal pain and paroxysmal orthopnoea developed rapidly. The temperature was normal, leucocyte count was 17,800. At autopsy around the enlarged heart a tough, greyish-red, glossy tissue 4 cm. thick was found enveloping the organ like a mantle and prolonged onto the large vessels, the aorta and the iliac vessels. At the periphery the thickness of the layer decreased; around the abdominal aorta it was only 1 cm. Upwards it reached up to the thyroid artery. Similar masses were also present around the adrenal glands and the kidneys, without affecting the dimensions or form of the organs. The histological picture consisted of lymphocytes, plasma cells, polynuclear reticular cells, fibroblasts, and frequently polynuclear giant reticular cells and numerous reticular fibres as well. The tissue does not infiltrate the organs, nor does it metastasize. It was called retothelogramuloma gigantocellulare (perivasale). It was not determined whether this was a tumour or an inflammatory granuloma.

Klein - Bratislava (XVI, 5)

SNAID, V.; ZAVADIL, M.; STIKSA, E.

The ovary in menopause. Cesk. gynec. 29 no.5:341-345 Js'64

1. I. gyn.-por. klin. fakulty vseobecneho lek. KU [Karlovy university] v Praze; prednostat prof. dr. K.Klaus, DrSc.

SNAID,V.; KOBILKOVA,J.; ZAVADIL,M.

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Acta Univ. Carol. [med.] (Praha) 10:suppl. 17:155-160 '63.

1. I. gynekologicka klinika fakulty vseobecneho lekarstvi  
University Karlovy v Praze; prednostat: prof. dr. K.Klaus.

KMENTOVA, Vlasta; SCHREIBER, V.; ZAVADIL, M.

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1. Laboratory for Endocrinology and Metabolism, Third Medical  
Clinic, First Gynaecology and Maternity Clinic, Faculty of  
General Medicine, Charles University, Prague.

(THYROID HORMONES) (OVARY)  
(HYPERTROPHY AND HYPERPLASIA)  
(HYPERTHYROIDISM) (PITUITARY GLAND)

HEROLD, J.; VENTA, J.; ZAVADIL, M.

Contribution to the incidence of malignant tumors in twins.  
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1. Onkologická laborator fakulty všeobecného lékařství KU  
v Praze (vedoucí: prof. dr. J. Venta) a I. gyn.-por. klinika  
fakulty všeobecného lékařství KU v Praze (prednosta: prof.  
dr. K. Klaus, DrSc.).

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SCHREIBER, V.; KMENTOVA, V.; ZAVADIL, M.

Relationships between gonadotrophin and thyrotrophin secretion:  
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methylthiouracil. Physiol. Bohemoslov. 13 no.6:554-564 '64

1. Laboratory of Endocrinology and Metabolism and First Gynaecology and Maternity Clinic, Faculty of General Medicine, Charles University, Prague.

PANTOVA, B.; PETRU, M.; SUBERT, M.; ZAVADIL, M.

Discharges in adults. Special diagnosis, technic of sampling and documentation. Cesk. gyn. 26[40] no.4:255-259 '61.

1. I. Gynekologicko-porodnicka klinika fakulty vseobecného lékařství KU v Praze Parazitologické oddělení KU v Praze III. porodnicka klinika fakulty dětského lékařství v Praze.

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I. I. gyn.-por.klin. fak. vseob.lek. KU v Praze; (prednosta:  
prof.dr. K.Klaus, DrSc.); Epidemiol. odd.fak.vseob. lek. KU  
v Praze (ved.: prof.dr. V.Kubelka) a II.gyn.-por.klin.fak.  
vseob. lek. KU v Praze (prednosta: prof.dr.J.Lukas, DrSc.)

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POSPISIL, J.; ZAVADIL, M., CSc.; VIKLICKY, J., doc.; KUBATOVA, B.

Specimen taking and histological examination of the endometrium. Cesk. gynek. 27 no.3:178-180 Ap '62.

1. Ustav pro peci o matku a dite, Praha-Podoli, reditel doc. MUDr. M. Vojta, I. gyn. por. klin. KU, Praha, prednosta prof. MUDr. K. Klaus, DrSc. - Onkol. lab. fak. vseob. lek. KU, Praha, prednosta prof. MUDr. J. Ventr - Pat. anat. odd. nemocnice, Praha-Bulovka, prednosta doc. MUDr. J. Vklicky - II gyn. por. klin. KU, Praha, prednosta prof. MUDr. J. Lukas, DrSc.

(UTERUS NEOPLASMS pathol)

DVORAK, O.; HEROLD, J.; VENTA, J.; ZAVADIL, M.

Some contra-indications in colposcopic, cytological and histological findings in changes of the cervix uteri. Cesk. gynek. 29. no.1: 59-62 F'64.

1. Onkol.laborator fak. vseob. lek. KU v Praze; (vedouci: prof. dr. J.Venta, DrSc) a I.gyn.-por. klin. fak. vseob. lek. KU v Praze (prednosta: prof.dr. K.Klaus, DrSc.).

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Is leukoplakia of the cervix uteri a precancerous condition? Cesk.  
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(LEUKOPIAKIA pathol.)  
(CERVIX UTERI neopl.)

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Histological classification of precancerous conditions of the  
cervix uteri. Cesk. gyn. 24[38] no.7:515-516 S '59

1. I. gyn. klin. prednosta prof. dr. K. Klaus. - Onkol. lab. lek.  
fakulty KU v Praze, reditel doc. dr. J. Venta - Onkol. ustav v Praze  
VIII, reditel MUDr. Dr. Vadura - Ustav pro peci o matku a dite v  
Praze-Podoli, reditel doc. dr. M. Vojta - Pat.anat. odd. Bulovky,  
prednosta MUDr. J. Viklicky.  
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Precancerous conditions of the cervix uteri. Errors in collection  
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(CERVIX UTERI, neopl.)



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Phylogenetic development of glia in vertebrates. p. 1.

SO: East European Accessions List, Vol. 3, No. 9, Sept. 1954, Lib. of Congress.

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"Phylogenetic Development of Olfia in Vertebrates." p. 1, Praha, Vol. 63, no. 6, 1953.

SO: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

SNAID, V.; ZAVADIL, M.

Ovarial function in the menopause. Cesk. gynek. 30 no.6:  
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1. I. gyn.-por. klin. fak. vseob. lek. Karlovy University  
v Praze (prednosta prof. dr. K. Klaus, DrSc.).

ZAVADIL, Metoděj, inz.

Tasks of technical standardization in the technical development  
of Czechoslovak agriculture. Normalizace 11 no.9:268 S '63.

1. Ministerstvo zemědělství, lesního a vodního hospodářství,  
Praha.

ZAVADIL, Metoděj, inz.

Czechoslovak Standard 46 2109 : Agrotechny of Maize for Grain  
and Silage. Normalizace 12 no.11:316 N '64.

1. Ministry of Agriculture, Forestry and Water Resources, Prague.

ZAVADIL, Milos, CSc.; POSPISIL, Josef; VIKLICKY, Josef, doc.; KUBATOVA, Bela;  
TRNKA, Vaclav, doc., CSc.

Histopathological classification of changes in the endometrium. Cesk.  
gynek. 27 no.3:181-184 Ap '62.

1. I gyn. por. klin. KU, Praha, prednosta prof. MUDr. K. Klaus, DrSc. -  
Onkol. lab. fak. vseob. lek. KU, Praha, prednosta prof. MUDr. J. Venta -  
Ustav pro peci o matku a dite, Praha-Podoli, reditel doc. MUDr. M.  
Vojta - Pat. anat. odd. nemocnice Bulovky v Praze, prednosta doc. MUDr.  
J. Viklicky - II gyn. por. klin. KU, Praha, prednosta prof. MUDr.  
J. Lukas, DrSc. - Gyn. por. klin. lek. fak. ped. KU, Praha, prednosta  
prof. MUDr. R. Peter, DrSc.

(UTERUS NEOPLASMS pathol)

ZAVADIL, Rostislav, promovany veterinar; SCHANZEL, Hubert, MVDr.

Capillariosis in pigeons and its treatment with methyrzidine.  
Veter medicina 8 no.4:241-244 '63.

1. Chair of Parasitology and Invasion Diseases of the Faculty of  
Veterinary Medicine of the Higher School of Agriculture, Brno.  
Head of the Chair [prof. MVDr. CSc.] V. Dyk.



CZECHOSLOVAKIA

LAVADIL, Rostislav, Graduate Veterinarian, and SCHAUZEL, Hubert, Dr of Veterinary Medicine, Chair of Parasitology and Invasion Diseases (Katedra parazitologie a invaznich chorob), Faculty of Veterinary Medicine (Veterinarni fakulta), VSZ [Vysoka skola zemedelska; Higher School of Agriculture], Brno, Prof. V. DYK, Dr of Veterinary Medicine, Dr of Sciences, director.

"Capillariosis in Pigeons and its Therapy by Methyridin (Mintic)."

Prague, Veterinarni Medicina, Vol 8(XXXVI), No 4, August 63, pp 241-244.

Abstract [Authors' English summary]: A coprological examination was applied to determine the percentage of pigeons invaded by capillaries. Methyridin was tried as a treatment against capillariosis. A total of 0.5 milliliters of it was diluted in 4.5 milliliters of water and inserted into the crop. This liquidated the intestinal capillariosis in 20 experimental pigeons. The effect was studied coprologically during one month after which a helminthological autopsy was made. Methyridin may be regarded as a highly effective remedy against capillariosis in birds. Twelve references, including 6 Czech and 2 Russian.

1/1

ZAVADIL, R.

CZECHOSLOVAKIA/Diseases of Farm Animals - General Problems.

R-1

Abs Jour : Ref Zhur - Biol., No 14, 1958, 64606

Author : Dyk, Vaclav; Elimes, Bedrich; Zavadil, Rostislav

Inst : -

Title : Parasites and Invasive Diseases in Poultry.

Orig Pub : Praha, SZN. 1957, 187 pp., ill., 24, 30 Kcs.

Abstract : No abstract.

Card 1/1

COUNTRY	: CZECHOSLOVAKIA
CATEGORY	:
ABS. JOUR.	: RZhio1., No. 1959, No. 10337
AUTHOR	: Zavadii Rostislav
INST.	: Brne Medical School
TITLE	: Cyathostomiasis of Birds, Its Pathogens and Distribution in Czechoslovakia
ORIG. PUB.	: Snor. Vysoke školy Zemed. a lesn. Brne, 1957, B 5, No 2, 105-121
ABSTRACT	: The morphology of <u>Cyathostoma bronchialis</u> , which produces cyathostomiasis of domestic geese in Czechoslovakia. An outbreak of cyathostomiasis ( <u>C. bouharti</u> ) of emus in the zoological park at Leshen near Gotvaldov. The morphological and biological similarity of both species is discussed; it is assumed that <u>C. bronchialis</u> adapted to existence in ostriches in captivity. The independent nature of <u>C. bouharti</u> is doubted. From the author's resumé.
CARD:	1/1

ZAVADIL, Slavomir, inz.

Symposium on breeding and seed cultivation of sugar beets.  
Vest ust zemedel 11 no. 7:279-280 J1 '64.